

# Savannah River

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## How do you report Deferred Maintenance for Roads?

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Savannah River Site  
October 21-23, 2008



# Agenda

- SRS Pavement Inspection Process
  - What is your site's Pavement Inspection Process?
- SRS Road Network System
  - Does your site have a Road Network System?
- Does Your Site Have Road OSF's in CAIS?
  - If yes, How Does It Compare to other sites?
  - What is your site Road CAS Frequency?
- How do you enter Road OSF's in CAIS Web?
  - What fields do you use?
  - What Crosswalk CAIS Web Fields does your site use?

# SRS Pavement Inspection Process

- **Pavement Inspection Process**

- SRS uses Infrastructure 2000 software by Vanasse Hangen Brustlin comprehensive highway maintenance system & tracks pavement condition, highway signage, striping condition, traffic signals & forecast the effect of maintenance expenditures
- Ensure data is analyzed equally & provides a logical basis for maintenance recommendations.

- **Road Network**

- SRS roads are divided into segments based on key intersections.
  - Roads designated by:
    - number - generally run east-west & begin -00
    - letter - generally run north-south & begin - 1
  - 1<sup>st</sup> 3 digits – identify – road
  - 2<sup>nd</sup> 3 digits – identify – segment
    - Example - 001010 – 1<sup>st</sup> segment of Road 1
    - 102010 – 1<sup>st</sup> segment of Road B

# SRS CAIS Entry Process

- **Assessment Frequency**

- Asphalt industry recommends Pavement Inspection every 3 yrs.
- 1/3 Roads inspected every year using SME Road Schedule

# SRS OSF Road IU Example

Tracking #:	2103	Insp. ID:	RICHARD SWYGERT	Discipline:	CIVIL
Volume:	G20 / Sitework Improvements	WBS:	Site,Roads+Walks		
Component:	PAVING,ROADWAYS / SQYD				
Type:	ASPHALTIC CONC,WEARING COURSE,2" / 321216130852				
Desc:	CRACK SEALING, A AREA EXIT TO RD 2				
Location:	ROADS	Loc 1:	SEGMENT 104020	Loc 2:	62789
Loc 3:		Loc 4:		Last Yrs. DM Cost - FY08	
Repl. Cst:		Rpr. Cst:	\$10,386	Complt. Cst:	
Qty:	30,604	Repl. Qty:		Base Cost:	\$6,615
Official Cst:	\$62,789	Est. Cst:	\$39,993	Next Insp. Date:	06/01/2011
Yr Installed:		Pre Repair Yrs:	2008	Post Rpr Yrs:	
Condition:	FAIR <25%	Insp. Date:	06/01/2008	Creation Date:	06/04/2008 02:4
Urgency:	REPAIR IN 1-2 YEARS	Last Remodeled:	07/25/2005	Last Updated:	10/07/2008 03:1
Site Defined:		Last Inspection Date			2007
Completion Yr:		Def. Maint.:	Yes	RIC Flag:	No
Project ID:				RIC Type:	
Service:	OPERATING	DETHREDGE		FY Baseline:	08/28/2008
Status:	IDENTIFIED	Tracking/Work Order:			
Importance:	PRIMARY	Repair Symptom:			
Access:		Repair Task:			
Equipment ID:		Repair Cause:			
Comment:	SEGMENT # 104020,A-AREA EXIT TO RD 2,LENGTH - 12520', WIDTH -22', AREA -275440 SQ. FT.,30604 SQ YD., 2.37 MILE,TRANSVERSE/LONG CRACKING				

# Road OSF's in CAIS?

- **Does Your Site Have Road OSF's in CAIS?**

- What is your site Road CAS Frequency?
- Do you have a Road Network Identification system?
- Use any Road Crosswalk Terminology?

<u>SRS Terms</u>	<u>CAIS Deficiency Terms</u>
• Alligator Cracking	Longitudinal or Transverse Cracks
• Block Cracking	“ “ “
• Longitudinal or Trans	“ “ “
• Corrugations	Heaving
• Distortion	Rutting
• Raveling	Surface Raveling
• Pot Hole & Non-Util.	Potholes





- If Yes, How does it compare to other sites?



**Savannah River**  
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# Questions / Discussion

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